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03-13-01
OIPE

RAW SEQUENCE LISTING DATE: 02/09/2001
PATENT APPLICATION: US/09/771,161 TIME: 11:00:07

Input Set : A:\Sequence Listing.txt
Output Set : N:\CRF3\02092001\I771161.raw

ENTERED

see p. 5

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3 <110> APPLICANT: LEVINE, et al.
5 <120> TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
7 <130> FILE REFERENCE: 802620-2005.1
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/771,161
C--> 9 <141> CURRENT FILING DATE: 2001-01-26
9 <150> PRIOR APPLICATION NUMBER: 09/724,676
10 <151> PRIOR FILING DATE: 2000-11-28
12 <150> PRIOR APPLICATION NUMBER: 136776
13 <151> PRIOR FILING DATE: 2000-06-15
15 <150> PRIOR APPLICATION NUMBER: 135619
16 <151> PRIOR FILING DATE: 2000-04-12
18 <160> NUMBER OF SEQ ID NOS: 182
20 <170> SOFTWARE: PatentIn version 3.0
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25 <213> ORGANISM: Homo sapiens
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32 ctgctgacgc tgcgtctgcc cggcctcggg atttttgaa gtaccagcac agtgacgctt 180
34 cctgaaacct tgttggttgt gtcaacgctg gatggaagt ttgatgctgt cagcaagagg 240
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38 gaagagcctg cctttctccc agatcctaata gatggcagcc tgtatacgt tggaaagcaag 360
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52 gtggacagtg aatctgggga cgtcctgtgg atccaaaact acgcctcccc tgtgggtggc 780
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74 atttttgaaa aaaatatgta gggctctgaa acacctgcca aaagtattgc tccaaaaact 1440
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84 <211> LENGTH: 1669

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Input Set : A:\Sequence Listing.txt
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147 aaaaaataaa atataattaat accggcttcc tgtccccatt ttttaacctc gccttcccta      1620
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160 gcgggaggag gcagcgccgs cccaagatgg cggacctgga ggcggtgctg gccagcgtga      120
162 gctacctgat ggccatggag aagagcaagg ccacgcgggc cgcgcgcggc agcaagaaga      180
164 tactgctgcc cgagccagc atccgcagtg tcatgcagaa gtacctggag gaccggggcg      240
166 aggtgacctt tgagaagatc ttttcccaga agctggggta cctgctcttc cgagacttct      300
168 gcctgaacca cctggaggag gccaggccct tggtggaatt ctatgaggag atcaagaagt      360
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172 acatcatgaa ggagctgctg gcctgctcgc atcccttctc gaagagtgcc actgagcatg      480
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178 cagcaggtgc tgctaccctc cctgctgtcc cctcttgccc caacccccag caccgggct 660
180 cagggaccac agcaaggcac ctgcaggttg ggccatactg gcctcgccctg gcctgaggtc 720
182 tcgctgatgc tgggctgggt gcgaccccat ctgcccagga cggggccggc cagggtgggcg 780
184 ggcagcacag caaggaggct ggtgggggcc tatcagtgtg ccccccatcc tggcccatca 840
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188 gccaccgca tgcacctcg tgcagtcgc gctgcctgtg tgggtgcgcg ccttctcccc 960
190 cccggggctg ggttggcgca cctccccctc ccgtctactc attccccggg gcgtttcttt 1020
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205 <223> OTHER INFORMATION: "n" can be any nucleotide 'a', 'c', 'g' or 't'
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217 tgctcatggt ccttctctac gagtttctct ggagcagagg gatacccca aaccaggga 300
219 gccacacagga gcttcagaag ggctcggtcg gagcgggccc ctgttgcact tgctacttg 360
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223 aaagccacaa gccatgaaaa ctgattgaga tgagaagaat tcacttgga ctggcttttg 480
225 ctttaggatg gtgttggaag ttgctcgttg tcgctaggag cctgtctcac tgtaagggtg 540
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265 gcagacgtgt ggtcggtttg agtccctcct atggaagttg tcacttatgg gcgggtgcca 1740
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RAW SEQUENCE LISTING
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 DATE: 02/09/2001
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273 gccaccgagc ggcagtagca gctgcagccc tagccggccg cgcgccctg cgcgccgtgc 1980
275 ccacctctgc gcggacgacc ccgacttccg tgcacccca gacggggcgc gaaggcgggg 2040
277 tgctgcctgt gcccttttct cagaccgga atccagtggg cagaggcagc ttcgagggg 2100
279 gtccccggac ggactccttc accgactgga cccccggcg agttacgcg cctctctgtg 2160
281 ccgcttcatt ttagagggc tgaacagtg acctcgcag gtcacccga gtactaagcc 2220
283 ccagtaaggt gtccaggact ggttaagcag tgtcatcaag taaggccccc gtgctgggca 2280
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287 acagaagcca gactgggtcc cgcggagcc agcaggggca gccccagcct aggtgcgct 2400
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333 agcacttaac cagccaccca gagttccctc actgaagatc tgagcatgac ccgggacgag 180
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RAW SEQUENCE LISTING

DATE: 02/09/2001

PATENT APPLICATION: US/09/771,161

TIME: 11:00:07

Input Set : A:\Sequence Listing.txt

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370 atggcggagc cagatctgga gtgcgagcag atccgtctga agtgatttcc tgggacgatg      180
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425 gtatgggggt ggagccacaa ttgaggatac cccgagacta ccaggagagc cctgggctgg      900
427 aggtctgagc gcatccctgc tccccacatg gaggacccaa caggaggccg tggctctgat      960
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446 gtatcgggcc cgggacaccc agacagatga gattgtcgca ctgaagaagg tgcggatgga      300
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/771,161

DATE: 02/09/2001
TIME: 11:00:08

Input Set : A:\Sequence Listing.txt
Output Set : N:\CRF3\02092001\I771161.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:89 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:203 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:635 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
L:641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:948 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
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L:1004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1006 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1019 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20
L:1075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:1081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:1145 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
L:1171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1205 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:24
L:1211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1258 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25
L:1264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1327 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26
L:1333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1610 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31
L:1682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1786 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33
L:1876 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:35
L:1921 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36
L:2354 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:41
L:2360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:2792 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:45
L:2864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:2875 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46
L:2881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:2883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:3363 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:54
L:3426 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:55
L:3438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:3660 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:59
L:3774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:3978 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:63
L:4024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63

VERIFICATION SUMMARY

DATE: 02/09/2001

PATENT APPLICATION: US/09/771,161

TIME: 11:00:08

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF3\02092001\I771161.raw

L:4032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:4074 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:65
L:4106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:4335 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:70
L:4610 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:73
L:4616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:4709 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:74
L:4715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:5266 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:83
L:5312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83
L:5323 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:84
L:5351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:5353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:5454 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:87
L:5460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:5649 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:90
L:5655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:5760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:7165 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:116
L:7172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116
L:7235 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:117
L:7242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117
L:7770 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:124
L:7783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124
L:8616 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:136
L:8743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:11376 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:178
L:11383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178
L:11565 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:181
L:11572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181
L:11656 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:182
L:11663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182